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StudioHub: Streamlining Communication in Private Music Studios

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STUDIOHUB:
STREAMLINING COMMUNICATION IN PRIVATE MUSIC STUDIOS

An Undergraduate Honors Thesis
Submitted in Partial fulfillment of
University Honors Program Requirements
University of Nebraska-Lincoln

by
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April 16, 2018

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Abstract

At the start of the project, I asked the question “what technology is available to horn players today?” Through an independent study in Spring 2017, I surveyed websites, blogs, youtube channels, computer software, and mobile apps, reviewing and rating each one, and discussing their strengths and weaknesses.

From this project, I determined that one key piece of technology missing in the music world was some way to unify and streamline the activities of private music teachers and their students. Through my own experiences, and through talking with other music students, I determined three objectives for this streamlining technology: assign and check off assignments, track practice hours, and share audio and video for review. Additionally, I determined that a mobile app would be the best medium for said technology, due to its low cost, high popularity, and high accessibility (Vázquez-Cano; Siegle).

Finally, I set about building the app and its peripheral components. Studiohubapp@gmail.com serves as a support email address, and studiohubapp.wixsite.com/home serves as an informational, advertising, and support website for the app. I created icons for the app and the app store, and documented information for app store publication, including rating, version number, and screenshots of the app thus far.

As for the app itself, I’m taking iOS music app development this semester, and through this class plus about 55 hours of teaching myself the swift programming language and xcode framework (which, together, allow for the creation of iOS apps), I learned enough to begin building the app - but not to finish.

As it stands, the app is almost able to allow teachers to assign tasks to students. Things that I still need to learn how to do include link the app to the cloud, configure a student view, allow students to check off tasks when complete, provide a function for students to add hours practiced, and create a way for teachers and students to share audio and video. I intend to complete the app after graduation, and publish it to the app store within a year and a half.

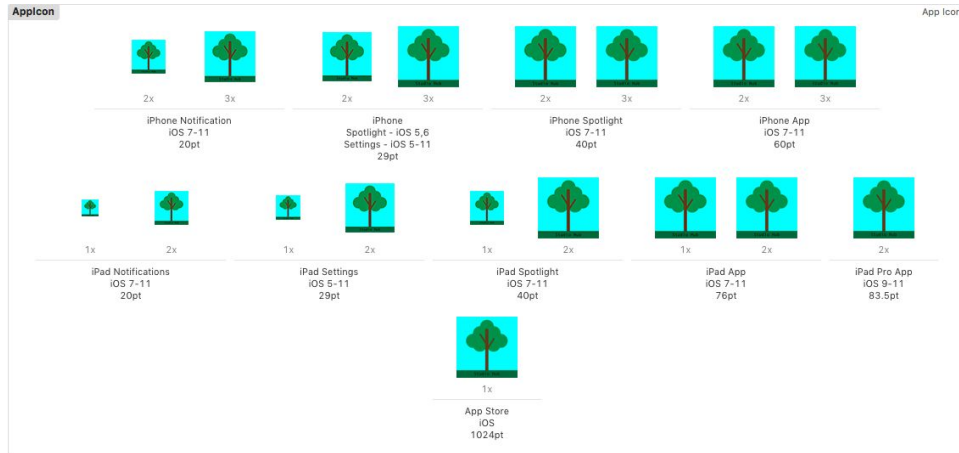
Key Words: Music, Mobile Applications, Private Music Studios, Music Technology

Appreciation

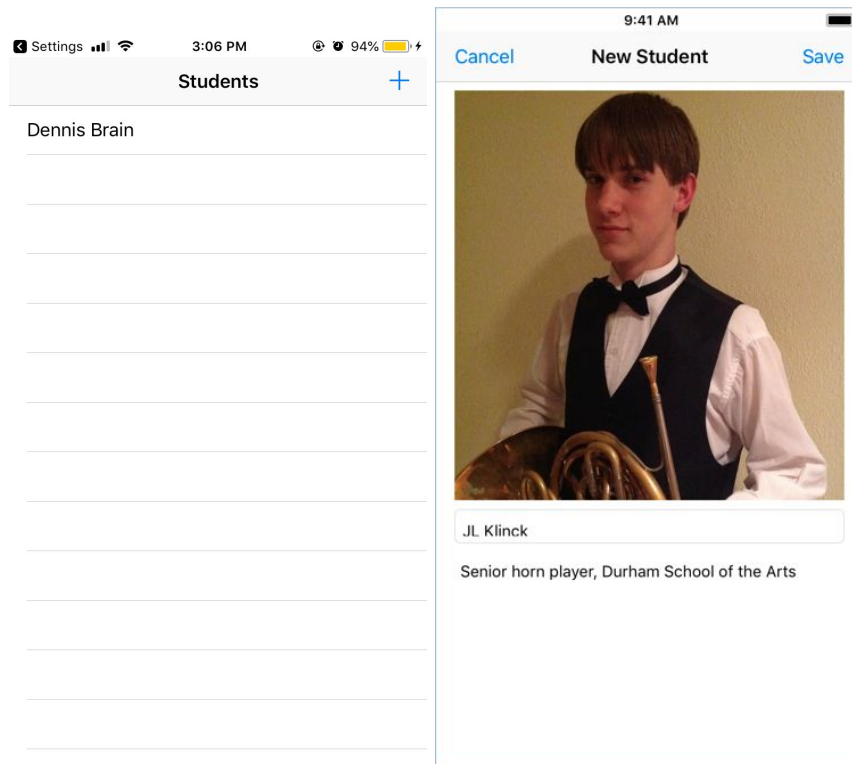
I would like to thank Dr. Brian Moore and Dr. Alan Mattingly for their guidance through the various components of the project. Special thanks to my parents for their continuous love and support from afar, and for going out of their way to help me be the best person I can be.

StudioHub: Streamlining communication in private music studios

Because the abstract accurately describes the research and current status of the app, here are some photos:



App icons of varying sizes, so the app is compatible with all devices.

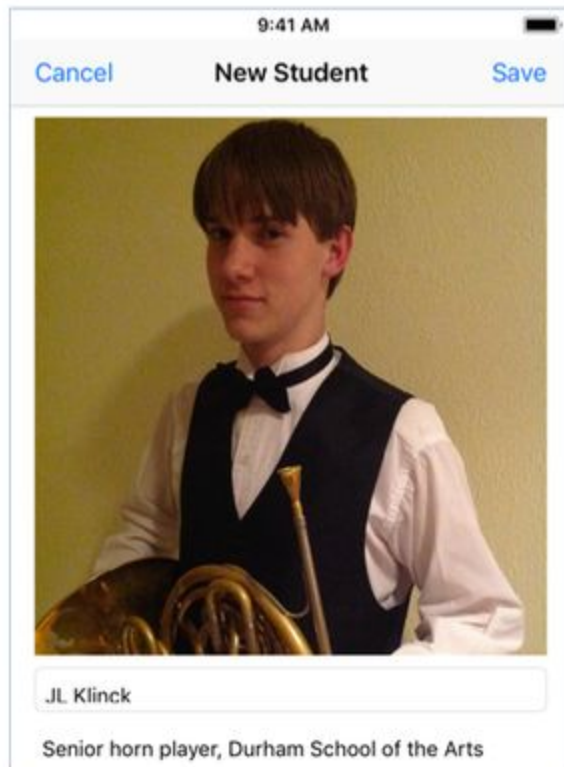


The “Add Students” Screen, and student detail screen.

STUDIOHUB



Download Now



THE BEST CHOICE FOR PRIVATE MUSIC TEACHERS

Mentoring in music has never been easier

From assignments and practice hours to strengths and weaknesses, keeping track of your student's progress can be a daunting task. Fortunately, StudioHub is here to help.

Read More

OUR FEATURES

ASSIGN TASKS

Feature Coming Soon!

Assign tasks to your students, and track their progress as they complete them.

TRACK PRACTICE HOURS

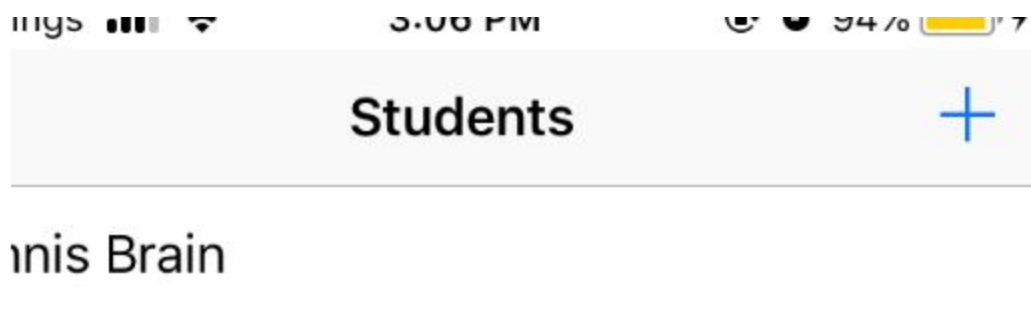
Feature Coming Soon!

Automatically keep track of hours practiced by each student, including stats such as average hours practiced per week or day, and total hours practiced by time period.

SHARE AUDIO AND VIDEO

Feature Coming Soon!

Record and share audio and video, making for easy, immediate feedback.



FREQUENTLY ASKED QUESTIONS

HOW OFTEN ARE THERE UPDATES TO THE APP — AND HOW WILL I LEARN ABOUT THEM?

We're constantly working to improve the app. Fortunately, you will receive a notification from the app store when a new update is released. Or simply turn on automatic updates, and you won't even have to worry about it!

I'VE SEEN OTHER APPS THAT SERVE SIMILAR PURPOSES. WHAT MAKES YOURS THE BEST?

perfect now, but with your feedback we can make the perfect app, so you won't need more than one - us!

QUESTIONS? NEED HELP?

Feel free to reach out!

studiohubapp@gmail.com



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Screenshots from the support and informational website

Citation List

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